

1/5

	10	20	30	40	50	60	
1	HHNGTNGTMMQYFEWYLPNDGNHWNRLRDDAANLKS KGITAVWIPPAWKGT SQNDVGYGA						60
3	-AAPFNGTMMQYFEWYLPDDGTLWTKVANEANLSSLGITALWLPAYKGT SRSDVGYGV						59
2	HHNGTNGTMMQYFEWYLPNDGNHWNRLRDDASNLRNGITAIWIPPAWKGT SQNDVGYGA						60
4	HHNGTNGTMMQYFEWYLPNDGNHWNRLNSDASNLS KGITAVWIPPAWKGT SQNDVGYGA						60
	70	80	90	100	110	120	
1	YDLYDLGEFNQKGTVRTKYGTRNQLQAAVTS LKNGIQVYGDVVMNHKGGADGTEIVNAV						120
3	YDLYDLGEFNQKGTVRTKYGTKAQYLQAIQAHAAGMQVYADVVDHKG GADGTEWVDAV						119
2	YDLYDLGEFNQKGTVRTKYGTRSQLESAIHALKNGVQVYGDVVMNHKGGADATENVLAV						120
4	YDLYDLGEFNQKGTVRTKYGTRSQLQAAVTS LKNGIQVYGDVVMNHKGGADATEMVRVAV						120
	130	140	150	160	170	180	
1	EVNRSNRNQETSGEYAI EAWTKFDFPGRGNHSSFKWRWYHFDGTDWDQSRQLQNKIYKF						180
3	EVNPSDRNQEISGTYQIAWTKFDFPGRGNTYSSFKWRWYHFDGVDWDES RKLS-RIYKF						178
2	EVNPNNRNQEISGTYTIEAWTKFDFPGRGNTYSDFKWRWYHFDGVDWDQSRQFQNR IYKF						180
4	EVNPNNRNQEVTEYTYIEAWTRFDFPGRGNTHSSFKWRWYHFDGVDWDQSRRLNNRIYKF						180
	190	200	210	220	230	240	
1	RGTGKAWDWEVDTENGNYDYL MYADVMDHPEVIHELNRNWGVWYTNTLNL DGFRI DAVKH						240
3	RGIGKAWDWEVDTENGNYDYL MYADLMDHPEVVTTELKNWGK WYVNTTNIDGFR L DAVKH						238
2	RGDGKAWDWEVDSENGNYDYL MYADVMDHPEVVNELRRWGEWYTNTLNL DGFRI DAVKH						240
4	RGHGKAWDWEVDTENGNYDYL MYADIDMDHPEVVNELNRNWGVWYTNTLGL DGFRI DAVKH						240
	250	260	270	280	290	300	
1	IKYSFTRDWLTHVRNTTGKPMFAVAEFWKNDLGA IENYLNKTSWNHSAFDVPLHYNL YNA						300
3	IKFSFPFDWLSYVRSQTGKPLFTVGEYWSYDINKLHNYITKTDGTMSLFDAPLHNKFYTA						298
2	IKYSFTRDWLTHVRNATGKEMFAVAEFWKNDLGA IENYLNKTNWNHVSFVDVPLHYNL YNA						300
4	IKYSFTRDWINHVRSATGKNMFAVAEFWKNDLGA IENYLQKTNNWNHVSFVDVPLHYNL YNA						300
	310	320	330	340	350	360	
1	SNSGGYYDMRNI LNGSVVQKHPHVAFTVDNHDSQPGEALESFVQQWFKPLAYALVLTRI						360
3	SKSGGAFDMRTLMTNTLMKDQPTLAVTFVDNHDETPGQALQSWDVPWFKPLAYAFILTRQ						358
2	SNSGGNYDMAKLLNGTVVQKHPHVAFTVDNHDSQPGELESFVQEWFKPLAYALILTRE						360
4	SKSGGNYDMRNI FNGTVVQRHPSHAVTFVDNHDSQP EEAL ESFVEEWFKPLAYALTLTRE						360
	370	380	390	400	410	420	
1	QGYPSVFYGDYYGIP THGVPAMKSKIDPLLQARQTFAYGTQHDYFDHHD IIGWTREGNSS						420
3	EGYPCVFYGDYYGIPQYNIPSLKSKIDPLLIARRDYAYGTQHDYLDHSD IIGWTREGGTE						418
2	QGYPSVFYGDYYGIP THSVPMKAKIDPILEARQNFAYGTQHDYFDHHD IIGWTREGNTT						420
4	QGYPSVFYGDYYGIP THGVPAMRSKIDPILEARQKYAYGKQNDYLDHHD IIGWTREGNTA						420
	430	440	450	460	470	480	
1	HPNSGLATIMSDGPGGNKWMYVGKNKAGQVWRDITGNRTGTVTINADGWGNFSVNGGSVS						480
3	KPGSGLAALITDGP GSKWMYVGKQHAGKVFYD L TGNRSDTVTINSDGWGEFKVNGGSVS						478
2	HPNSGLATIMSDGPGGEKWMYVGQNKAGQVWHDITGNKPGT VTINADGWANFSVNGGSVS						480
4	HPNSGLATIMSDGAGGSKWMFVGRNKAGQVWSDITGNRTGTVTINADGWGNFSVNGGSVS						480
	490	500	510	520	530	540	
1	VWVKQ						485
3	VWVPRKTTVSTIARPIITRPWTGEFVRWTEPRLVAV						514
2	IWVKR						485
4	IWNK						485

Fig. 1

2/5

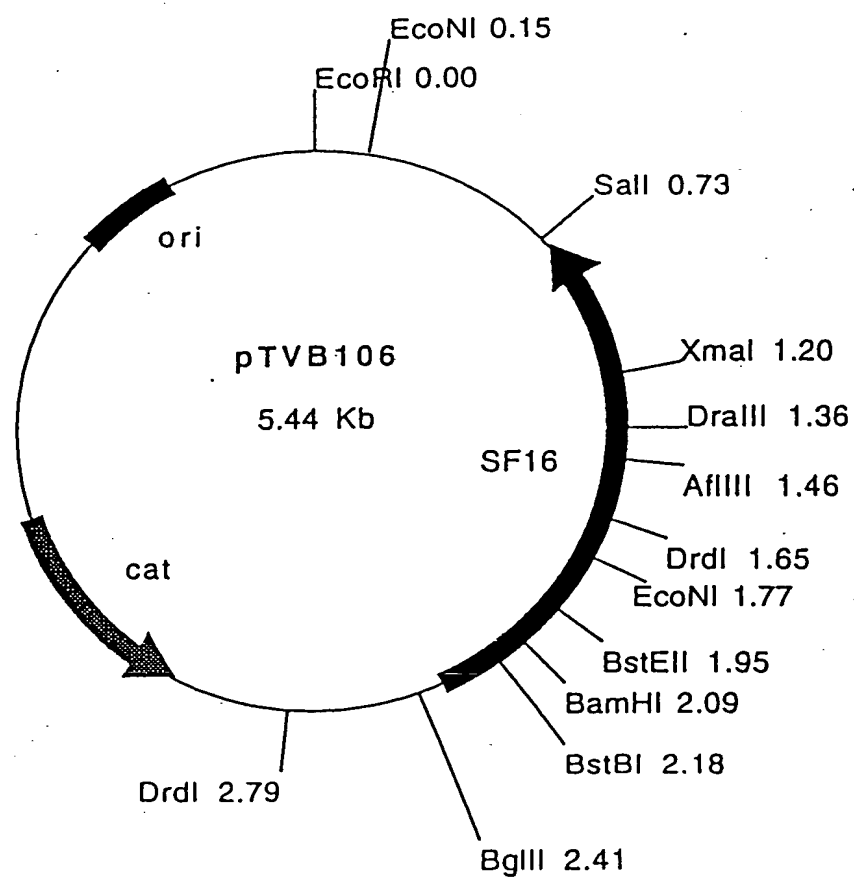


Fig. 2

3/5

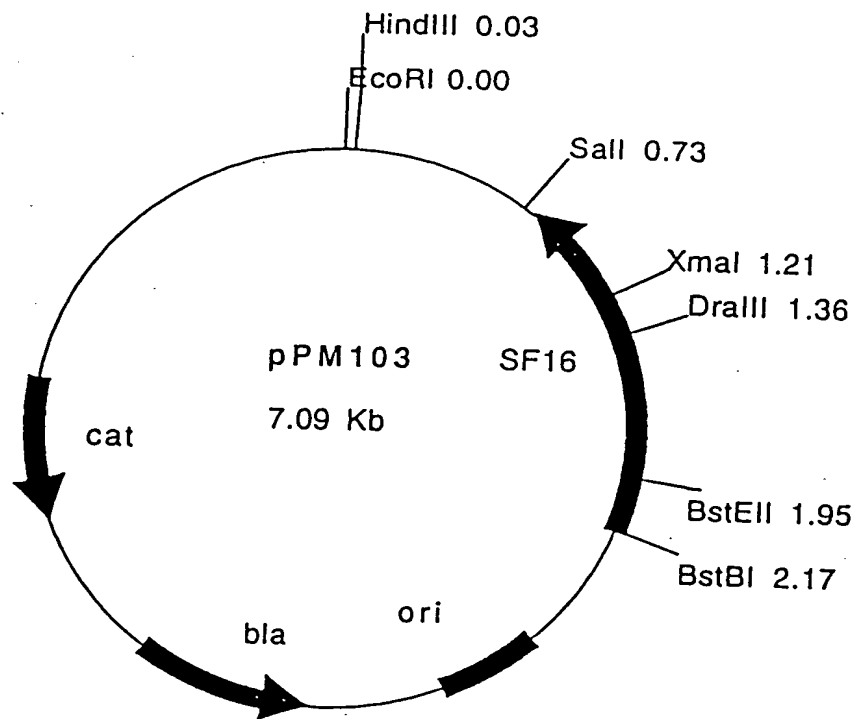


Fig. 3

4/5

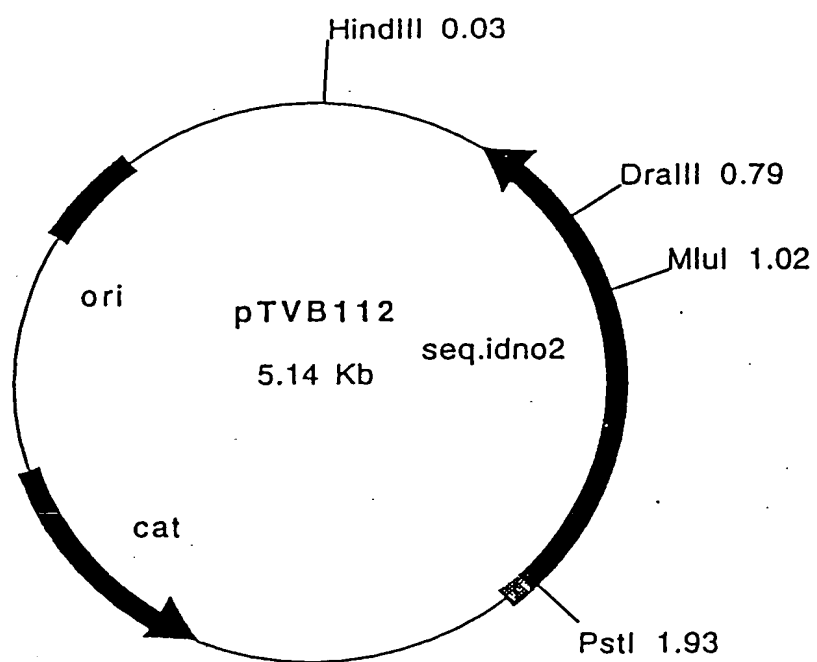


Fig. 4

5/5

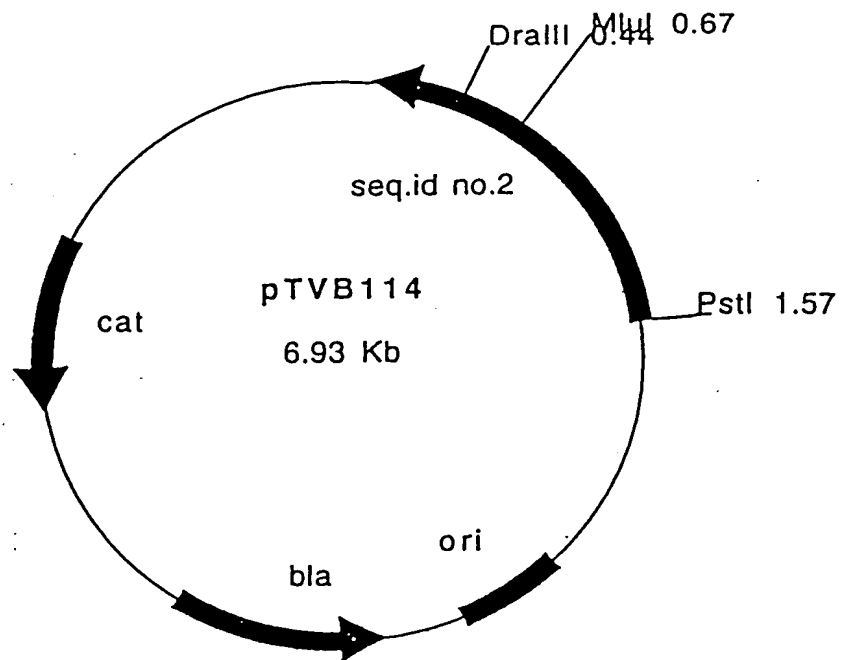


Fig. 5